

Converting Colors

`RYB(192, 205, 130)`

Have a look what the booklet for
RYB(192, 205, 130) contains.

RYB(192, 205, 130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(192, 205, 130)

Conversions

Conversions Part 1

Format	Color
Hex	CDAB82
RGB	205, 171, 130
RGB Percent	80%, 67%, 51%
CMY	0.1961, 0.3292, 0.4902
CMYK	0.00, 0.17, 0.37, 0.20
HSL	33°, 43%, 66%
HSV	33°, 37%, 80%
XYZ	43.7800, 43.7387, 27.2541
YIQ	176.4920, 33.4250, -5.5430

Conversions

Conversions Part 2

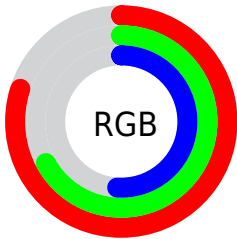
Format	Color
RYB	192, 205, 130
Decimal	13478786
CIELab	72.05, 6.60, 25.77
CIELCh	72, 26.605, 75.630
Yxy	43.7387, 0.3814, 0.3811
Android (android.graphics.Color)	4291668866 (0xFFCDAB82)
YUV	176.4920, -22.9206, 25.0015
Hunter-Lab	66.1353, 2.4263, 21.8615

Details

The RYB color **192, 205, 130** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **130, 153, 205**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **232, 255, 183**, and **133, 149, 80** is the 20% darker color. If you saturate the color by 10%, you get **189, 205, 110**, and if you desaturate by 10%, it is **198, 205, 151**.

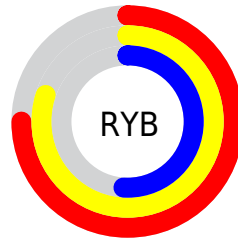
Distribution



Red (80%)

Green (67%)

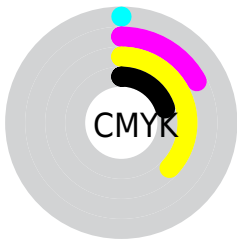
Blue (51%)



Red (75%)

Yellow (80%)

Blue (51%)

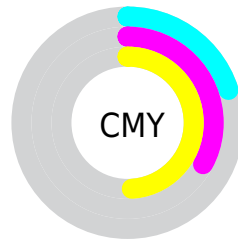


Cyan (0%)

Magenta (17%)

Yellow (37%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 205, 130 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 192, 205, 130 by changing the saturation by 10% instead.

 192, 205, 130


255, 255, 255


 232, 255, 183

 211, 255, 211


 239, 255, 239


 192, 205, 130

 163, 177, 105

 133, 149, 80

 109, 123, 57

 78, 97, 34

 51, 71, 13

 37, 48, 0

 23, 2, 0


 0, 0, 0

 192, 205, 130


 192, 205, 130

 189, 205, 110


 198, 205, 151

 183, 205, 89


 198, 205, 171

 183, 205, 69

 203, 205, 192

 178, 205, 48

 205, 207, 212

 172, 205, 27

 205, 213, 233

 172, 205, 7

 205, 220, 253

 170, 205, 0

 205, 224, 255

 205, 227, 255

 205, 230, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221, 170, 143



192, 205, 130



132, 181, 130

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



192, 205, 130



107, 149, 190



196, 166, 211

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



192, 205, 130



130, 153, 205

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



164, 173, 223



192, 205, 130



107, 153, 211

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



192, 205, 130



127, 166, 189



131, 164, 223



218, 160, 189

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



192, 205, 130



137, 184, 158



131, 164, 223



186, 169, 216

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



192, 205, 130



251, 255, 227



205, 130, 165



126, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



192, 205, 130



237, 255, 143



130, 205, 132



102, 102, 92



137, 166, 0



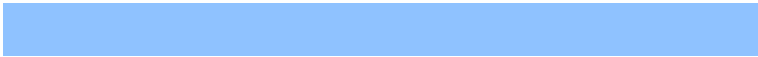
31, 38, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



130, 153, 205



143, 178, 255



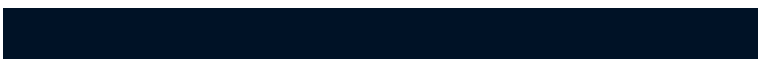
132, 130, 205



92, 95, 102



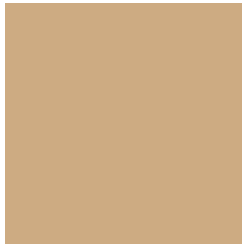
0, 52, 166



0, 12, 38

Previews

White Background



This preview shows how the RYB color 192, 205, 130 looks on a white background.

Color Contrast Check

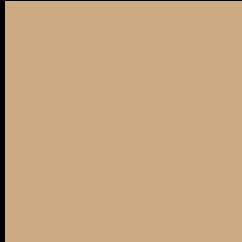
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 192, 205, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

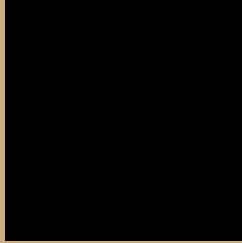
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 192, 205, 130 Background



This preview shows how black text looks on a background with the RYB color 192, 205, 130.



This preview shows how white text looks on a background with the RYB color 192, 205, 130.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
192, 205, 130

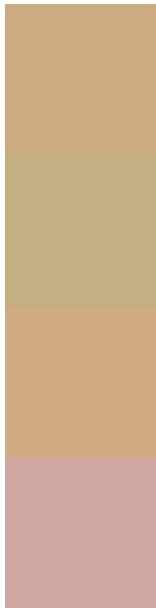
Protanopia
147, 189, 132

Deuteranopia
209, 207, 130



Tritanopia
210, 165, 177

Trichromacy



Original Color
192, 205, 130

Protanomaly
160, 195, 131

Deuteranomaly
204, 208, 130

Tritanomaly
208, 168, 160

Monochromacy



Original Color
192, 205, 130

Achromatopsia
177, 177, 177

Achromatomaly
182, 187, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 205, 130 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(205, 171, 130)` looks like.

```
.text, #text, p{  
    color:rgb(205, 171, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(205, 171, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 171, 130) }
```

Border

The CSS property to change the border of an element to RYB 192, 205, 130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 171, 130) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(205, 171, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(205, 171, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 171, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 171, 130); box-shadow:4px 4px 4px 4px rgb(205, 171, 130) }
```

Background

The CSS property to change the background color of an element to RYB 192, 205, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 171, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(205,  
171, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor